



## Lifting eye screw DIN 580

### Product information

Lifting eye screws for vertical lifting

**Features:** Only for vertical lifting

**Material:** Steel

**Marking:** According to standard, CE-marked

**Temperature range:** -20°C - (+)200°C

**Finish:** Electro galvanized

**Standard:** DIN 580

**Note:** Larger sizes and inch sizes also available

**Safety factor:** 4:1

Part Code	WLL ton	Thread d1	Packing	Thread pitch mm	d2 mm	d3 mm	d4 mm	h mm	k mm	l mm	Weight kg
NSR06	0.08	M 6	50	1	20	36	20	18	8	13	0.045
NSR08	0.14	M 8	50	1,25	20	36	20	18	8	13	0.05
NSR10	0.23	M10	50	1,5	25	45	25	22.5	10	17	0.09
NSR12	0.34	M12	25	1,75	30	54	30	26	12	20.5	0.16
NSR14	0.34	M14	25	2	35	63	35	30.5	14	27	0.24
NSR16	0.7	M16	10	2	35	63	35	30.5	14	27	0.24
NSR18	0.85	M18	10	2,5	40	72	40	35	16	30	0.36
NSR20	1.2	M20	10	2,5	40	72	40	35	16	30	0.36
NSR22	1.2	M22	1	2,5	45	81	45	40	18	35	0.58
NSR24	1.8	M24	1	3	50	90	50	45	20	36	0.72
NSR27	2.1	M27	1	3	50	90	50	45	20	36	0.7
NSR33	3.2	M33	1	3,5	65	108	60	55	24	45	1.3
NSR30	3.2	M30	1	3,5	65	108	60	55	24	45	1.32
NSR39	4.6	M39	1	4	75	126	70	65	28	54	2.02
NSR36	4.6	M36	1	4	75	126	70	65	28	54	2.08
NSR45	6.3	M45	1	4,5	85	144	80	75	32	63	3.04
NSR42	6.3	M42	1	4,5	85	144	80	75	32	63	3.11
NSR52	8.6	M52	1	5	100	166	90	85	38	68	4.95
NSR48	8.6	M48	1	5	100	166	90	85	38	68	5.02
NSR56	11.5	M56	1	5,5	110	184	100	95	42	78	6.69
NSR64	16	M64	1	6	120	206	110	105	48	90	9.3

## Technical data

### WORKING LOAD LIMITS



Thread	WLL (t)	WLL (t)	WLL (t)	WLL (t)	WLL 0-45° (t)	WLL 45-60° (t)	WLL 0-45° (t)	WLL 45-60° (t)
M6	0,08	Not allowed	0,16	Not allowed	0,05	Not allowed	0,08	Not allowed
M8	0,14	Not allowed	0,28	Not allowed	0,1	Not allowed	0,14	Not allowed
M10	0,23	Not allowed	0,46	Not allowed	0,17	Not allowed	0,23	Not allowed
M12	0,34	Not allowed	0,68	Not allowed	0,24	Not allowed	0,34	Not allowed
M14	0,34	Not allowed	0,68	Not allowed	0,24	Not allowed	0,34	Not allowed
M16	0,7	Not allowed	1,4	Not allowed	0,5	Not allowed	0,7	Not allowed
M18	0,85	Not allowed	1,7	Not allowed	0,6	Not allowed	0,85	Not allowed
M20	1,2	Not allowed	2,4	Not allowed	0,83	Not allowed	1,2	Not allowed
M22	1,2	Not allowed	2,4	Not allowed	0,83	Not allowed	1,2	Not allowed
M24	1,8	Not allowed	3,6	Not allowed	1,27	Not allowed	1,8	Not allowed
M27	2,1	Not allowed	4,2	Not allowed	1,49	Not allowed	2,1	Not allowed

M30	3,2	Not allowed	6,4	Not allowed	2,28	Not allowed	3,2	Not allowed
M33	3,2	Not allowed	6,4	Not allowed	2,28	Not allowed	3,2	Not allowed
M36	4,6	Not allowed	9,2	Not allowed	3,28	Not allowed	4,6	Not allowed
M39	4,6	Not allowed	9,2	Not allowed	3,28	Not allowed	4,6	Not allowed
M42	6,3	Not allowed	12,6	Not allowed	4,5	Not allowed	6,3	Not allowed
M45	6,3	Not allowed	12,6	Not allowed	4,5	Not allowed	6,3	Not allowed
M48	8,6	Not allowed	17,2	Not allowed	6,1	Not allowed	8,6	Not allowed
M52	8,6	Not allowed	17,2	Not allowed	6,1	Not allowed	8,6	Not allowed
M56	11,5	Not allowed	23	Not allowed	8,3	Not allowed	11,5	Not allowed
M64	16	Not allowed	32	Not allowed	11	Not allowed	16	Not allowed
M72	20	Not allowed	40	Not allowed	14,28	Not allowed	20	Not allowed
M80	28	Not allowed	56	Not allowed	20			

# Blueprint

